

ABSTRACT

A circuit for determining an indication of a length of a conductor. The circuit includes a terminal for connection to a conductor under test such as a cable. A pulse source is coupled to a sample-hold latch and a re-synchronizer, and the pulse source provides a signal to the terminal for testing the conductor. A voltage comparator is coupled to the terminal for providing a signal to the pulse source and the terminal. The circuit also includes a length error detector coupled to the sample-hold latch, the re-synchronizer, and the pulse source.